



El Dorado County Emergency Services Authority

JPA Emergency Medical Services Operations Committee (EMSOC) Meeting

Wednesday, September 18, 2024 – 9:00 a.m.
Diamond Springs-El Dorado Fire Protection District. Fire Station 49
501 Pleasant Valley Rd. Diamond Springs, CA

AGENDA

Item	Presenter
PLEDGE OF ALLEGIANCE	Hall
1. APPROVAL OF AGENDA	Hall
2. PUBLIC COMMENTS <i>Public comments will be received on each agenda item as it is called. The public may address matters not on the agenda at this time.</i>	Hall
3. APPROVAL OF MEETING MINUTES: 8.21.2024	
4. DISCUSSION/ REPORT TOPICS 4.1 Cal Fire ECC Report 4.1.1 System Status Update 4.2 Training Update 4.2.1 EMT & MICN Ride-alongs/Paramedic Internships 4.2.2 AHA Training Site 4.3 MedPro Bio- Waste Disposal Service Update 4.4 Equipment Upgrades/Service 4.4.1 LUCAS Device PM Contract Renewals 4.5 Fleetio 4.5.1 Orientation letters distributed to agency Chiefs. 4.5.1.1 Crews are engaging on Fleetio 4.5.2 Implementation date is set for October 1, 2024 4.6 Unit Hour Utilization (UHU) Definition 4.6.1 County has requested the EMSOC assist in defining UHU for contract purposes. ACTION: Receive and file reports.	Shuler
5. RESPONSE REPORTS: 5.1 August 2024 5.1.1 Incident Summary Report 5.1.2 Mutual Aid 5.1.3 APOT 5.1.4 IFT/Medical Transport ACTION: Receive and file August 2024 Response Reports	
6. Committee Reports 6.1 Ambulance Spec Committee 6.1.1 2024 Ambulance Purchase RFP 6.1.1.1 Scoring and recommendation	Hall

<ul style="list-style-type: none"> 6.1.2 Arrow Manufacturing <ul style="list-style-type: none"> 6.1.2.1 Two Ambulances were received. <ul style="list-style-type: none"> 6.1.2.1.1 Ready for service 6.1.2.2 New Ambulances <ul style="list-style-type: none"> 6.1.2.2.1 New ambulances are scheduled for delivery week of (9/9) or 9/16/2024 (I will update agenda appropriately) 6.1.2.2.2 BK VHF Radios delayed – need to have installed 6.1.3 Ambulance Replacement Scoring and Recommendations 6.2 CQI Committee <ul style="list-style-type: none"> 6.2.1 Next meeting scheduled for October 2, 2024 6.3 Imagetrend 6.4 Exception Report Project 6.5 Supply Committee <ul style="list-style-type: none"> 6.5.1 Next meeting scheduled for September 24, 2024 <ul style="list-style-type: none"> 6.5.1.1.1 Operative IQ <ul style="list-style-type: none"> 6.5.1.1.1.1 Life Assist will cover cost for 16 Medic Units 6.5.1.1.1.2 Implementation tentative start December 2024/January 2025 6.6 LEMSA CQI Committee <ul style="list-style-type: none"> 6.6.1 Next Meeting: TBA 6.7 LEMSA MAC Committee <ul style="list-style-type: none"> 6.7.1 Next Meeting: TBA 	
<ul style="list-style-type: none"> 7. Standing Items <ul style="list-style-type: none"> 7.1 Upcoming Events <ul style="list-style-type: none"> 7.1.1 California Ambulance Association – Sept. 20 -24 – Lake Tahoe 	
<ul style="list-style-type: none"> 8. Good and Welfare 	Hall
<ul style="list-style-type: none"> 9. Adjournment 	Hall

***Next Meeting ~ October 16, 2024**



El Dorado County Emergency Services Authority

JPA Emergency Medical Services Operations Committee (EMSOC) Meeting

Wednesday, August 21st, 2024 – 9:00 a.m.
Diamond Springs-El Dorado Fire Protection District Fire Station 49
501 Pleasant Valley Rd. Diamond Springs, CA

MINUTES

Called to Order: 10:12

EMSOC Committee Members:

- | | |
|--|--|
| <input type="checkbox"/> CAL FIRE Cameron Park, Assistant Chief Dusty Martin | <input type="checkbox"/> CAL FIRE Cameron Park, Battalion Chief Kalan Richards |
| <input checked="" type="checkbox"/> El Dorado County Fire, Division Chief Steve Adams, | <input checked="" type="checkbox"/> Diamond Springs Fire, Battalion Chief Jack Daniels |
| Vice Chair | |
| <input checked="" type="checkbox"/> El Dorado Hills Fire, Deputy Chief Dustin Hall, Chair | <input type="checkbox"/> El Dorado County Fire, Chief Tim Cordero |
| <input checked="" type="checkbox"/> Georgetown Fire, Chief Glenn Brown | <input type="checkbox"/> El Dorado Hills Fire, Chief Maurice “Mo” Johnson |

Guests:

None

Other Attendees:

Executive Director Bill Sugiyama, EDC ESA
Administrative Coordinator Sarah David, EDC ESA
Wendy Reagan, Marshall Medical Center
Guy Valente
Schuler

PLEDGE OF ALLEGIANCE

1. APPROVAL OF AGENDA

- **Adams Daniels**

2. PUBLIC COMMENTS

Public comments will be received on each agenda item as it is called. The public may address matters not on the agenda at this time.

- None

3. APPROVAL OF MEETING MINUTES: 6.19.2024, 7.17.2024

- **Daniel Adams**

4. DISCUSSION/ REPORT TOPICS

4.1 Introduction of New EMS Manager

4.1.1 Hope Youngblood

4.2 Cal Fire ECC Report

4.2.1 System Status Update

- Sean Schmidt Battalion Chief as back up for Bryan Schuler

4.3 Training Update

4.3.1 EMT & MICN Ride-alongs/Paramedic Internships



El Dorado County Emergency Services Authority

4.3.2 AHA Training Site

- *JPA is currently putting together test booklets for ACLS, PALS, and BLS and Edh Fire Training Center has AHA courses open for enrollment on their website starting in September.*
- *The JPA is working with EDH Fire Training Center to provide PHTLS and ITLS courses in the near future.*

4.4 MedPro Bio- Waste Disposal Service

4.4.1 Issues:

- Billing
- Delivery of Bins
- Collection of Bins

4.5 Equipment Upgrades/Service

4.5.1 LUCAS Device PM Contract Renewals

- *The JPA currently has 9 units that are roughly 4 years old. The JPA recommends that the agencies should get the PM contract only.*

4.6 EMS Recognition Awards

- #### 4.6.1
- JPA will be presenting Special Commendation Awards (Certificates) for Agency nominated personnel with Challenge Coin. This will be done at each Agencies BOD Meeting. Rescue FD scheduled for 9.11.2024.*

4.7 IFT Discussion

4.7.1 Private ambulance C2 Transports to SNFs

- *A discussion was had about applying the IFT program to SNF calls to assist in cutting down on these calls to our system. This topic was also discussed during the Dispatch Work group meeting. It was debated on whether or not facilities should be charged for lift SNF calls or meeting with the facilities each month to go over each call to establish whether or not they warranted or not.*
- *It was discussed to have an actual policy put in place to establish the expectation of when the call is warranted.*
- *Guy Valente, LEMSA commented that data should be collected on this topic to be able to guide the conversation with the facilities and establish a protocol.*

ACTION: Receive and file reports.

Motion to receive and file reports from Chief Adams. Motion seconded by Chief Hall. Motion carries unanimously.

5. RESPONSE REPORTS:

5.1 July 2024

- #### 5.1.1 Incident Summary Report
- #### 5.1.2 Mutual Aid
- #### 5.1.3 APOT

- *Change data/ run a different report to collect more detailed data on the APOT calls to be able to clean up the calls if possible.*
- *Chief Hall took a 'to-do' to determine how to collect this data.*

5.1.4 IFT/Medical Transport



El Dorado County Emergency Services Authority

ACTION: Receive and file July 2024 Response Reports.

Motion to receive and file July 2024 Response Report by Chief Brown. Motion seconded by Chief Hall. Motion carries unanimously.

6. Committee Reports

6.1 Ambulance Spec Committee

6.1.1 2024 Ambulance Purchase RFP

- RFP was posted 6.21.2024
- Close 8.19.2024
- BID Opening 8.20.2024
- Ask for one or two Members of EMSOC to participate in the scoring of RFP Submissions.
- *Chief Daniels, and Chief Adams volunteered to assist in scoring.*

6.1.2 Arrow Manufacturing

- Two Ambulances were received.
 - 6.1.2..1 Brief delay from Auditors Office to pay Arrow Invoice(s) for two ambulances.
 - 6.1.2..2 Currently waiting to receive ownership paperwork (MSO) from Arrow.
- Ambulance Replacement Score Sheet
 - 6.1.2..1 Drafting Ambulance Replacement Score Sheet
- New Ambulances
 - 6.1.2..1 New ambulances are currently estimated to be 30 - 60 Days out from completion.
 - 6.1.2..2 Minor delays from Stryker for Loading system and possible delay acquiring mounted radios

6.2 CQI Committee

6.2.1 Next meeting scheduled for September 4, 2024

6.2.1..1 Imagetrend

6.2.1..1.1 Exception Report Project

- *Group has been meeting to see if the exception reporting data can be input in CAD.*

6.2.1..1 OneDose

- *Gone through the first stage of on-boarding the LEMSA office on it. Need to identify who the trainers will be from each agency to be able to attend the 'Train the Trainers' course.*

6.2.1..1 Marshall Hospital CQI

- *No Report*

6.3 Supply Committee

6.3.1 Next meeting scheduled for August 27, 2024

6.3.1..1 Review of inventory software

6.3.1..1.1 Fleetio

6.3.1..1.1.1 Working on implementation with Stretch Fab and EDHs.

6.3.1..1.1.2 Begin training Early Sept. 2024

6.3.1..1.1.3 Implementation Oct. 2024

Look into a QR code to bring up vehicle information vs. having to manually input information.

6.3.1..1.2 Operative IQ



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- 6.3.1..1.2.1 Life Assist will cover cost for 16 Medic Units
 - 6.3.1..1.2.2 Implementation tentative start December 2024/January 2025

6.4 LEMSA CQI Committee

- 6.4.1 Next Meeting: September 11th, 2024

6.5 LEMSA MAC Committee

- 6.5.1 Next Meeting: September 11th, 2024

- *LEMSA asked that the agencies let their crews know that medics should not be calling the LEMSA to start their (recording)*
- *LEMSA will be reaching out to agencies regarding EMS data collection.*

7. Standing Items

7.1 Upcoming Events

- 7.1.1 EMS World Sept. 9th – 13th – Las Vegas
- 7.1.2 California Ambulance Association – Sept. 20 -24 – Lake Tahoe

8. Good and Welfare

Wendy Reagan: *Stroke pathway has changed. Will be sent out to the crews.*

Dr. Sloan: *Folsom Fire will be releasing a new CPR device DeFib Arm XR. The State will be approving whole blood transfers within Sac County starting in September.*

Chief Hall: *Five (5) new single role medics that will be starting this evening.*

Daniels: No Report

Brown: No Report

JPA: *ED will send an email to Chief Daniels and Chief Adams to set a meeting for go over RFP's*

9. Adjournment 12:02pm

***Next Meeting ~ September 18, 2024**

JPA System Status Management Trial

January 2023 – Aug 2024

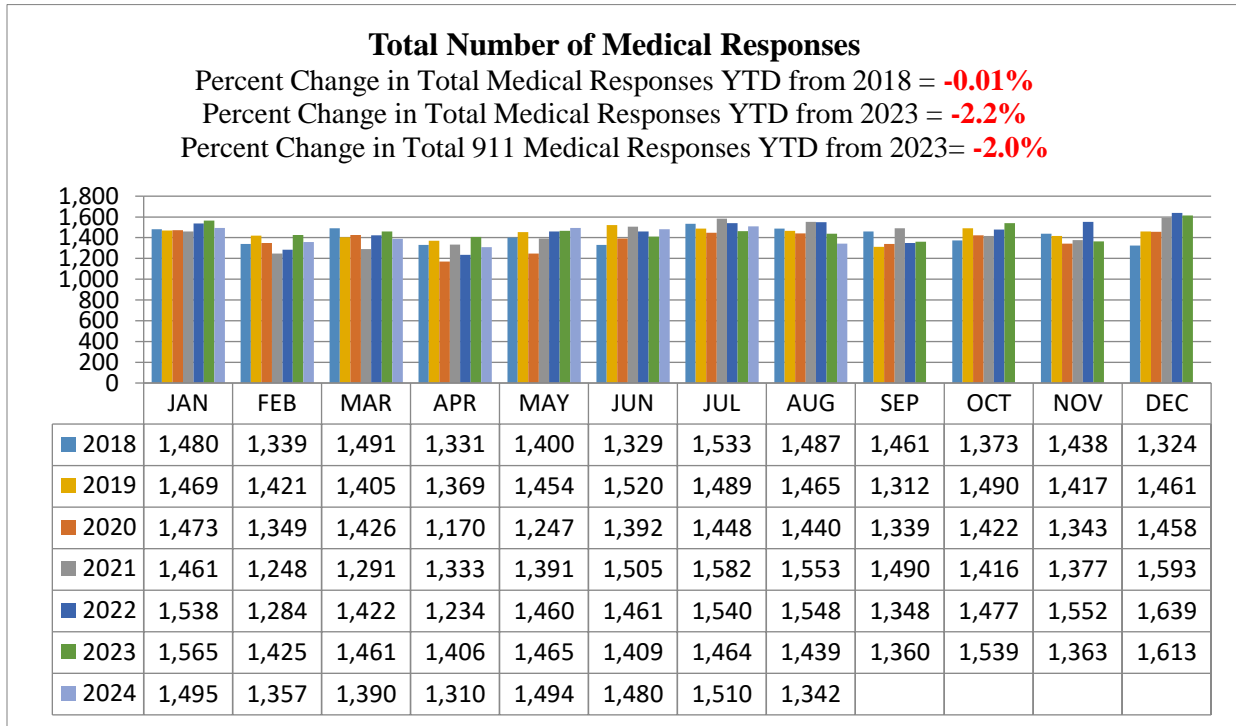
(*M49 in service on 3/15/23)

EMSOC Trial 6:

LEVEL 0									
LEVEL 1	CORE 25/49								
LEVEL 2	WEST 86/28	CORE 25/49							
LEVEL 3	WEST 86/28	CORE 25/49	ST 21						
LEVEL 4	WEST 86/28	CORE/WEST	CORE 25/49	ST 21					
LEVEL 5	WEST 86/28	CORE/WEST	ST 61/74	CORE 25/49	ST 21				
LEVEL 6	WEST 86/28	CORE/WEST	ST 61/74	CORE 25/49	CORE/WEST	ST 21	*ST 17 AND ST 19*		
LEVEL 7	ST 85	WEST 86/28	ST 61/74	ST 49	ST 25	ST 17	ST 19		
LEVEL 8	ST 85	STA 86	ST 28	ST 61	ST 49	ST 25	ST 17	ST 19	

LEVEL 6 - If both medic 17 and 19 are in quarters, then a move up to Station 21 is not needed

August 2024 Incident Summary Report	
Total Number of Ambulance Responses to Date 2024	14,770
Total Number of Medical Responses to Date 2024	11,378



Exception Reports by Response Area

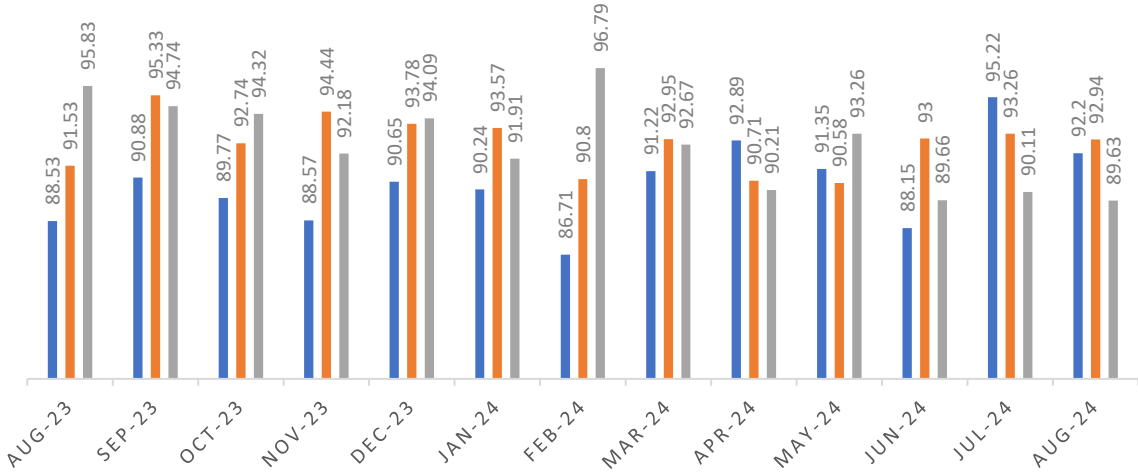
	Generated	Received from Providers	Submitted to EMSA
Urban	18	12	4
Semi-Rural	34	17	16
Rural	18	11	11
Wilderness	N/A	N/A	N/A

Response Times

	Before Exception Waivers	With Exception Waivers
Urban	92.20%	94.58%
Semi-Rural	92.94%	96.70%
Rural	89.63%	96.34%
Wilderness	100.00%	100.00%

TWELVE MONTH RESPONSE TIME COMPLIANCE BEFORE EXEMPTIONS

■ Urban ■ Semi Rural ■ Rural

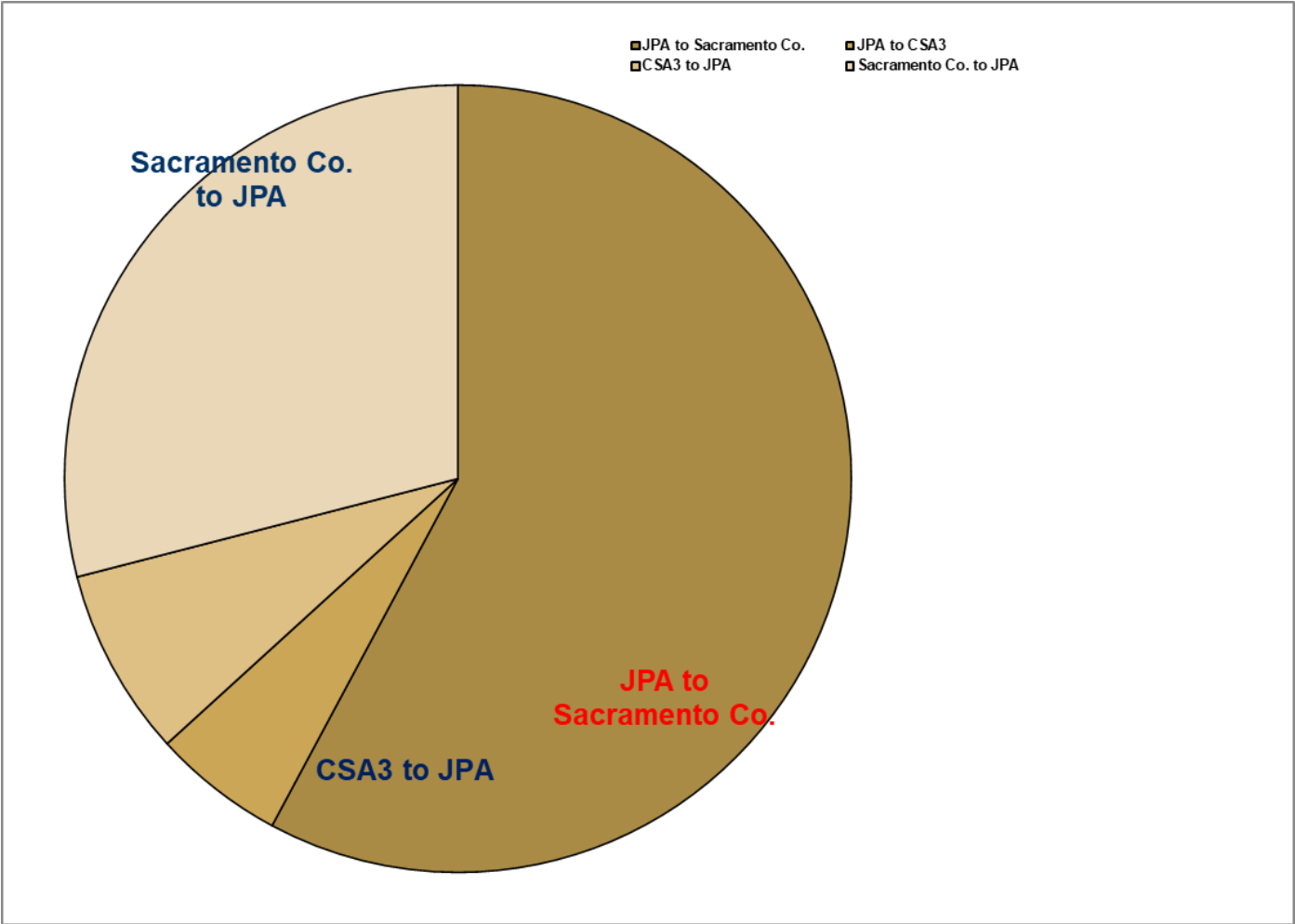


July 2024 Incident Summary Report

Exception Reports by Area and Reason

North	Aug	July	June	Reason for Exception Report	Urban	Semi-Rural	Rural
51 Garden Valley	4	4	3	County Approved Exceptions:			
52 Kelsey	1			Disaster & Mutual Aid Situation			
53 Greenwood				Adtl units rspd to MCI req >2 ambulances			
61 Georgetown	1	2	4	Incorrect or Inaccurate dispatch info (Addr issue)			
63 Volcanoville				Material change in dispatch location			
64 Greenwood	1	1	1	Unavoidable comms failure (MDT, QuickCall)	2	2	1
65 Quintette			1	Inability to locate address/No visible address			
72 Cool	5	5	6	Inability to locate patient: Pt. left scene			
73 Pilot Hill	3	5	2	Extraordinary adverse traffic conditions			
74 Coloma	5	4	5	Road construction and/or closure		1	
75 Mosquito	5	6	4	Off-paved road locations			1
TOTAL	25	27	26	Severe weather conditions (dense fog, snow, ice)			
				Attributable to County (Inventory audit)			
Core	Aug	July	June	Geographic location (Extreme remote location)	7	13	9
25 Placerville	6	3	9	Limited or Controlled access to patient location		1	
26 Placerville				Dispatched C-2 or reduced enroute to C-2			
27 Gold Hill			1	Staging required until scene is secured by LE	1	1	
28 Shingle Springs		1	3	Temp Out of Service Mechanical			
44 Logtown		3	2				
46 El Dorado	1	1		Additional Exceptions: Not Approved by County			
48 Diamond				Responding from Quarters outside first-in	5	2	
49 Diamond	2	1	1	On a Move-Up/Cover Assignment			
TOTAL	9	9	16	Respond with no delay/ Due to distance		3	
				Dispatched while returning to quarters			
East	Aug	July	June	Responding from Hospital			
17 Pollock	9	6	1	Crew failed to hit on scene button			
18 Sierra Springs	7	2	6	Shift Change	1		
21 Camino		2	4	Training	1		
26 Placerville				No exemption listed	1		
TOTAL	16	10	11				
West	Aug	July	June				
47 Sleepy Hollow		1	1				
81 Rescue	2	2	3				
83 Rescue							
84 EDH	1	3	3				
85 EDH	3	1	4				
86 EDH	1	2	2				
87 EDH	1						
88 Cameron Park	4	2	3				
89 Cameron Park	2	2	3				
91 Latrobe							
TOTAL	14	13	19				
South	Aug	July	June				
19 Pleasant Valley	3	1					
23 Pleasant Valley	1	2	1				
32 Somerset		1					
34 Mt. Aukum							
35 Grizzly Flat	1		2				
37 Omo Ranch	1	1	1				
38 Fairplay	3	3	2				
38 Mt. Aukum							
TOTAL	9	8	6				

MEDICAL CALLS														
	FYTD Totals	8/24	7/24	6/24	5/24	4/24	3/24	2/24	1/24	12/23	11/23	10/23	9/23	8/23
JPA to Sacramento Co.	292	25	26	15	23	24	23	27	20	34	28	18	13	16
JPA to CSA3	28	3	11	0	2	5	1	1	2	0	0	3	0	0
CSA3 to JPA	36	3	10	1	2	1	2	4	3	2	0	2	2	4
Sacramento Co. to JPA	143	11	8	13	12	6	4	4	11	17	22	11	9	15



	Total Response	Fires	IFT/Med Transports	Medical	Haz-Mat	Move-Ups	Other
July 2024	1912	66	26	1484	2	325	9
August 2024	1682	27	28	1342	3	278	15

*"Other" call types for the week of 5/14-5/20 included 11 entries for OAM for EDC Fire Medic Units.

Total Response by Medic Unit (includes Move-Ups)								
	M17	M19	M25	M28	M49	M61	M85	M89/86
July 2024	220	196	318	281	280	155	225	212
August 2024	182	181	256	239	261	138	212	195
Total Incident Response by Medic Unit								
	M17	M19	M25	M28	M49	M61	M85	M89/86
July 2024	134	107	284	241	259	119	217	204
August 2024	116	97	237	213	227	107	204	188

Total Medical Response by Medic Unit								
	M17	M19	M25	M28	M49	M61	M85	M86
July 2024	126	101	276	230	248	111	205	194
August 2024	111	95	226	209	216	92	195	184
Total Transport Response by Medic Unit								
	M17	M19	M25	M28	M49	M61	M85	M86
July 2024	89	72	198	171	187	61	139	130
August 2024	78	61	176	142	165	55	114	125

% of Total Response	7/24	8/24
M17	11.5%	10.8%
M19	10.3%	10.8%
M25	16.6%	15.2%
M28	14.7%	14.2%
M49	14.6%	15.5%
M61	8.1%	8.2%
M85	11.8%	12.6%
M89/86	11.1%	11.6%

% of Move-Ups	7/24	8/24
M17	26.5%	23.7%
M19	27.3%	30.2%
M25	10.5%	6.8%
M28	12.3%	9.4%
M49	6.5%	12.2%
M61	11.1%	11.2%
M85	2.46%	2.9%
M89/86	2.46%	2.5%

% of Medical Calls	7/24	8/24
M17	8.3%	8.2%
M19	6.7%	7.1%
M25	18.8%	16.8%
M28	15.2%	15.6%
M49	16.4%	16.1%
M61	7.3%	6.9%
M85	13.6%	14.5%
M89/86	12.8%	13.7%

Code 2	Total C2	CCT	In EDC	Out EDC	Out Sac/Placer
April	18		14	4	
May	9		6	2	
June	12		10	2	
July	10	2	8		
Aug	9		8	1	

Code 3	Total C3	CCT	Out EDC	Out Sac/Placer
April	7	6	6	
May	9	5	8	
June	8	1	7	
July	7	5	5	
Aug	9	5	9	

BHT	Total BH	Out EDC	Out Sac/Placer
April	12	1	
May	5		
June	7		
July	5		
Aug	8		

Elite elaborado

APOT over 20 min

Incident Date	Response Incident Number (eResponse.03)	Response EMS Unit Call Sign (eResponse.14)	Incident Patient Arrived At Destination To Destination Patient Transfer Of Care In Minutes	Incident Month Name
Disposition Destination Name Delivered Transferred To (eDisposition.01): Kaiser Permanente, Roseville Medical Center				
08/27/2024	2024024410	M85		42 August
08/06/2024	2024022286	M85		29 August
08/23/2024	2024023989	M85		29 August
Disposition Destination Name Delivered Transferred To (eDisposition.01): Marshall Medical Center				
08/31/2024	2024024884	M25		26 August
08/27/2024	2024024442	M25		41 August
08/14/2024	2024023078	M49		22 August
08/13/2024	2024023015	M25		20 August
08/03/2024	2024021956	M49		27 August
08/03/2024	2024021945	M49		22 August
08/17/2024	2024023460	M25		23 August
08/09/2024	2024022641	M49		21 August
08/13/2024	2024023019	M49		26 August
08/23/2024	2024023992	M28		31 August
08/27/2024	2024024456	M85		51 August
08/03/2024	2024021942	M28		72 August
08/27/2024	2024024454	M25		34 August
08/13/2024	2024023042	M61		21 August
08/27/2024	2024024409	M49		34 August
08/27/2024	2024024453	M49		26 August
08/31/2024	2024024899	M49		26 August
08/27/2024	2024024428	M49		27 August
08/30/2024	2024024758	M25		32 August
08/31/2024	2024024881	M25		22 August
08/23/2024	2024023991	M25		30 August
08/07/2024	2024022385	M25		33 August
08/28/2024	2024024563	M49		36 August
08/28/2024	2024024568	M28		24 August
08/20/2024	2024023734	M28		24 August
Disposition Destination Name Delivered Transferred To (eDisposition.01): Mercy Hospital of Folsom				
08/30/2024	2024024765	M49		59 August
08/07/2024	2024022411	M49		42 August
08/02/2024	2024021915	M85		22 August
08/02/2024	2024021884	M85		27 August
08/29/2024	2024024594	M85		21 August
08/28/2024	2024024502	M85		24 August
08/01/2024	2024021789	M85		39 August
08/29/2024	2024024693	M85		23 August
08/19/2024	2024023568	M49		20 August
08/27/2024	2024024439	M85		20 August
08/17/2024	2024023380	M85		26 August
08/20/2024	2024023707	M85		48 August
08/27/2024	2024024379	M85		26 August
08/02/2024	2024021867	M85		33 August
08/04/2024	2024022069	M85		26 August
08/20/2024	2024023704	M49		22 August
08/17/2024	2024023401	M85		23 August
08/08/2024	2024022552	M85		38 August
08/06/2024	2024022338	M85		28 August
08/27/2024	2024024434	M28		27 August
08/22/2024	2024023908	M28		24 August
08/25/2024	2024024242	M28		65 August
Incident Date	Response Incident Number (eResponse.03)	Response EMS Unit Call Sign (eResponse.14)	Incident Patient Arrived At Destination To Destination Patient Transfer Of Care In Minutes	Incident Month Name
08/13/2024	2024023026	M17		23 August
08/11/2024	2024022860	M28		22 August
08/17/2024	2024023405	M28		21 August
08/27/2024	2024024377	M28		25 August
08/29/2024	2024024661	M85		26 August
08/25/2024	2024024251	M85		43 August
08/05/2024	2024022135	M85		21 August
08/14/2024	2024023167	M28		33 August
08/09/2024	2024022630	M85		4 August
Disposition Destination Name Delivered Transferred To (eDisposition.01): Renown Regional Medical Center				
08/16/2024	2024023300	M61		23 August
Disposition Destination Name Delivered Transferred To (eDisposition.01): UC Davis Medical Center				
08/22/2024	2024023881	M85		47 August

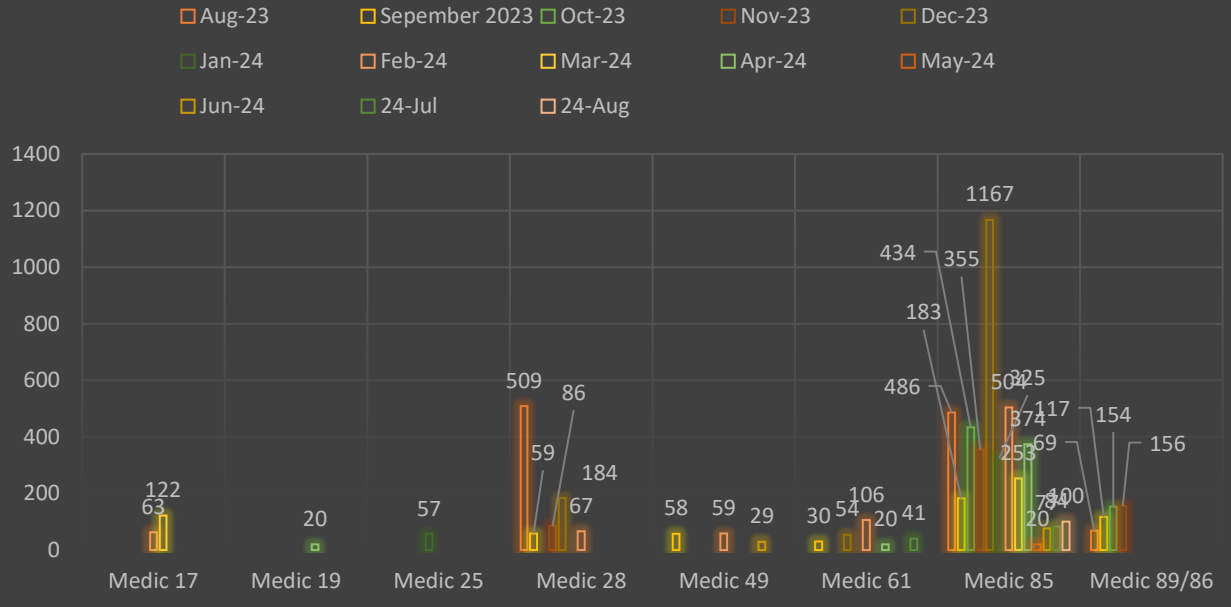
MU	TOTAL	MINS
M85	3	100
M25	9	261
M28	4	151
M49	10	267
M61	1	21
M85	1	51
M28	3	116
M49	4	143
M85	15	424
M17	1	23
M28	4	101
M85	4	94
M61	1	23
M85	1	47

Report Filters
 Incident Date: is between '8/1/2024' and '8/31/2024'

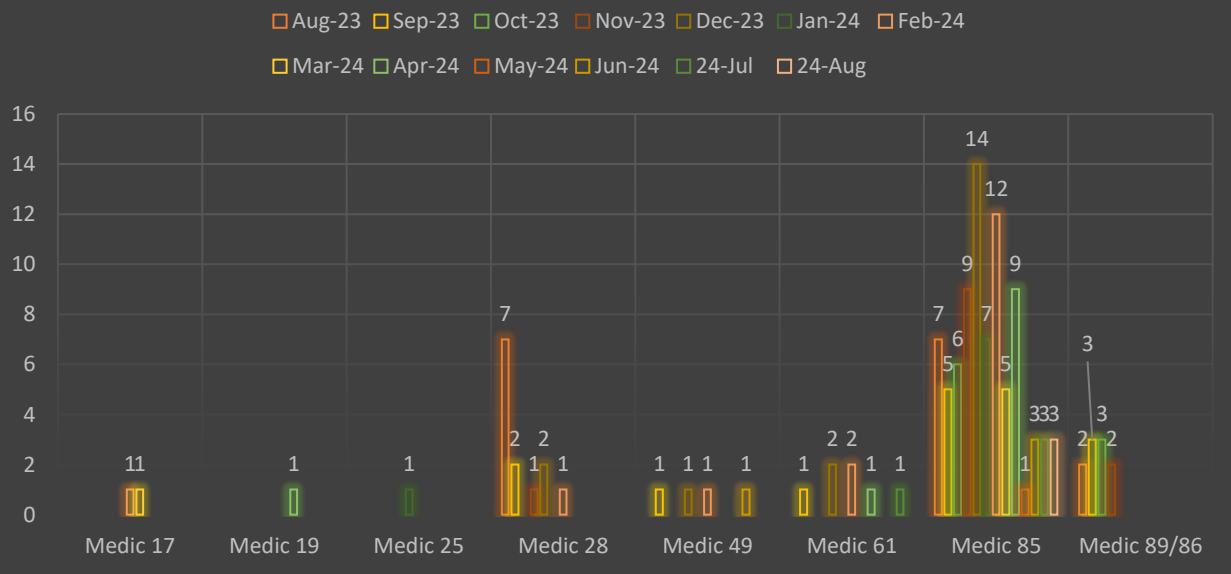
Report Criteria
 Call Response Ems Unit Call Sign (eResponse.14): Is In M1, M17, M19, M2, M217, M219, M225, M228, M248, M25, M251, M252, M261, M28, M285, M289, M3, M49, M5, M51, M52, M53, M55, M56, M6, M61, M7, M85, M89, Medic 1, Medic 2, Medic5
 Incident Patient Arrived At Destination To Destination Patient Transfer of Care in Minutes: Is Greater Than 20

61 APOT	1822 Min	30.36 Hrs	1.27 Days
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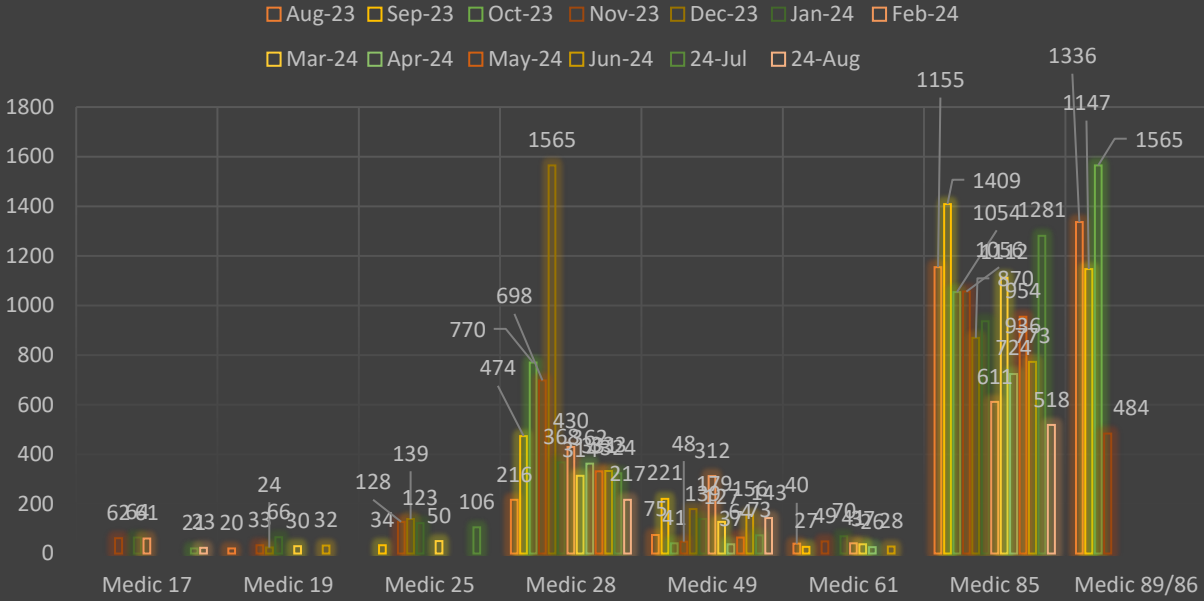
Kaiser Roseville Medical Center Aug 1, 2023-Aug 31, 2024 APOT Minutes by Medic Unit



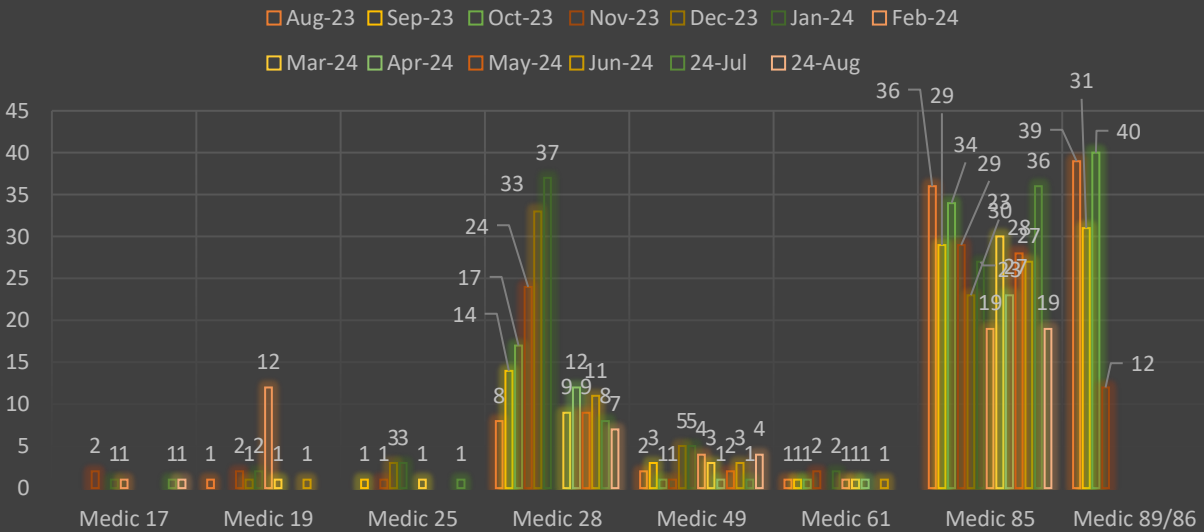
Kaiser Roseville Medical Center July 1, 2023-August 31, 2024 APOT Incidents by Medic Unit



Mercy Hospital Folsom July 1, 2023-August 31, 2024 APOT Minutes by Medic Unit



Mercy Hospital Folsom July 1, 2023-August 31, 2024 APOT Incidents by Medic Unit



Unit Hour Usage Total Response-Time per Response (Dispatch to AIQ time)/Total Available Minutes								
	M17	M19	M25	M28	M49	M61	M85	M89/86
	M17	M19	M25	M28	M49	M61	M85	M89/86
July 2024	13,877 mins. .311	13,064 mins. .293	15,097 mins. .337	17,067 mins. .382	15,333 mins. .343	10,731 mins. .240	14,365 mins. .322	14,196 mins. .318
Aug 2024	10,798 Mins. .242	11,133 Mins. .249	12,523 Mins. .281	14,728 Mins. .330	14,205 Mins. .318	9,431 Mins. .211	13,518 Mins. .303	13,872 Mins. .311
Unit Hour Usage: Total Incidents-Time per Incident (Dispatch to AIQ time)/Total Available Minutes								
	M17	M19	M25	M28	M49	M61	M85	M86
July 2024	8,396 mins. .188	7,342 mins .164	13,757 mins. .308	15,205 mins. .341	14,681 mins. .329	8,879 mins. .199	14,019 mins. 0.314	14,028 mins. .314
Aug 2024	7,676 Mins. .172	6,308 Mins. .141	11,616 Mins. .260	13,598 Mins. .305	13,353 Mins. .300	8,001 Mins. .180	13,140 Mins. .294	13,788 Mins. .309
Unit Hour Usage: Total Medical Response-Time per Response (Dispatch to AIQ time)/Total Available Mins.								
	M17	M19	M25	M28	M49	M61	M85	M89
July 2024	7,988 mins. .179	6,948 mins. .156	13,142 mins .294	15,035 mins. .337	13,995 mins. .314	8,672 mins. .194	13,769 mins. .308	13,776 mins. .309
Aug 2024	7,644 Mins. .171	6,135 Mins. .137	11,275 Mins .253	12,491 Mins. .280	12,734 Mins. .285	7,571 Mins. .170	12,818 Mins. .287	13,676 Mins. .306
Unit Hour Usage: Total Transports- Time per Transport (Dispatch to AIQ time)/Total Available Minutes								
	M17	M19	M25	M28	M49	M61	M85	M89
July 2024	6,759 mins. .151	5,875 mins. .132	11,633 mins. .261	13,679 mins .306	12,853 mins. .288	6,729 mins. .151	12,229 mins. .274	11,771 mins. .264
Aug 2024	5,637 Mins. .126	5,059 Mins. .113	10,243 Mins. .230	11,902 Mins. .267	11,349 Mins. .254	6,427 Mins. .144	10,467 Mins. .234	12,174 Mins. .273

Unit Hour Utilization- Total # Transports/Total Available Hours (month days x 24 hrs.=total hrs.) Contractual Requirement of .400								
	M17	M19	M25	M28	M49	M61	M85	M86
June 2024	100 .138	76 .106	203 .282	152 .211	164 .228	49 .068	148 .206	135 .188
July 2024	89 .120	72 .100	198 .266	171 .230	187 .251	61 .081	139 .187	130 .175
Aug 2024	78 .105	61 .081	176 .236	142 .191	165 .221	55 .074	114 .194	125 .168

Unit Hour Utilization- Total # Responses/Total Available Hours (month days x 24 hrs.=total hrs.) System Goal= <.300 based on EMS System best practices for a 24-hour shift								
	M17	M19	M25	M28	M49	M61	M85	M86
July 2024	217 .291	196 .263	316 .425	279 .375	279 .375	151 .203	223 .300	209 .281
Aug 2024	182 .245	181 .243	256 .344	239 .321	261 .350	138 .185	212 .284	195 .262

*Data pulled from CAD Medic Unit Utilization Report & ImageTrend (Total # Transports)



One Year Prevent

Quote Number: 10987625

Version: 1

Prepared For: EL DORADO JOINT POWERS AUTH
Attn:

Rep: Sahel Segovia
Email: sahel.segovia@stryker.com

Phone Number:

GPO: EMS

Service Rep: Lucas Vasquez

Quote Date: 09/13/2024

Email: Lucas.vasquez@stryker.com

Expiration Date: 11/13/2024

Contract Start: 12/01/2024

Contract End: 11/30/2025

Delivery Address		Sold To - Shipping		Bill To Account	
Name:	EL DORADO JOINT POWERS AUTH	Name:	EL DORADO JOINT POWERS AUTH	Name:	EL DORADO JOINT POWERS AUTH
Account #:	20033807	Account #:	20033807	Account #:	20033807
Address:	480 LOCUST RD DIAMOND SPRINGS California 95619-9602	Address:	480 LOCUST RD DIAMOND SPRINGS California 95619-9602	Address:	480 LOCUST RD DIAMOND SPRINGS California 95619-9602

ProCare Products:

#	Product	Description	Months	Qty	Sell Price	Total
1.0	LUCAS-FLD-PROCARE	PROCARE-SVC-LUCAS-FIELD-REPAIR Preventative Maintenance	12	9	\$441.00	\$3,969.00
ProCare Total:						\$3,969.00

Price Totals:

Authorized Customer Signer (Printed) Date

Stryker Authorized Signature (Printed) Date



One Year Prevent

Quote Number: 10987625

Version: 1

Prepared For: EL DORADO JOINT POWERS AUTH
Attn:

Rep: Sahel Segovia

Email: sahel.segovia@stryker.com

Phone Number:

GPO: EMS

Quote Date: 09/13/2024

Expiration Date: 11/13/2024

Contract Start: 12/01/2024

Contract End: 11/30/2025

Service Rep:

Email:

Authorized Customer Signature Date

Stryker Authorized Signature Date

Purchase Order Number

Service Terms and Conditions:

The Terms and Conditions of this quote and any subsequent purchase order of the Customer are governed by the Terms and Conditions located at <https://techweb.stryker.com> The terms and conditions referenced in the immediately preceding sentence do not apply where Customer and Stryker are parties to a Master Service Agreement.

Equipment Service Plan

Line Item #	Model	Serial #
1.0	PROCARE-SVC-LUCAS-FIELD-REPAIR	3520P154
1.0	PROCARE-SVC-LUCAS-FIELD-REPAIR	3520P157
1.0	PROCARE-SVC-LUCAS-FIELD-REPAIR	3520P296
1.0	PROCARE-SVC-LUCAS-FIELD-REPAIR	3520P538
1.0	PROCARE-SVC-LUCAS-FIELD-REPAIR	3520P554
1.0	PROCARE-SVC-LUCAS-FIELD-REPAIR	3520P532
1.0	PROCARE-SVC-LUCAS-FIELD-REPAIR	3520P535
1.0	PROCARE-SVC-LUCAS-FIELD-REPAIR	3520P536
1.0	PROCARE-SVC-LUCAS-FIELD-REPAIR	3520P256

Purchase Order Form



Account Manager _____
 Cell Phone _____

Purchase Order Date _____
 Expected Delivery Date _____
 Stryker Quote Number _____

Check box if Billing same as Shipping

BILL TO		CUSTOMER #
Billing Account Num		
Company Name		
Contact or Department		
Street Address		
Add'l Address Line		
City, ST ZIP		
Phone		

SHIP TO		CUSTOMER #
Shipping Account Num		
Company Name		
Contact or Department		
Street Address		
Add'l Address Line		
City, ST ZIP		
Phone		

Authorized Customer Initials _____

Authorized Customer Initials _____

DESCRIPTION	QTY	TOTAL
REFERENCE QUOTE <input type="text"/>	<input type="text"/>	<input type="text"/>

Accounts Payable Contact Information

Name _____
 Email _____
 Phone _____

Stryker Terms and Conditions
www.stryker.com/stnc

Authorized Customer Signature

Printed Name _____
 Title _____
 Signature _____
 Date _____

Attachment Stryker Quote Number

*Sales or use taxes on domestic (USA) deliveries will be invoiced in addition to the price of the goods and services on the Stryker Quote.



480 Locust Rd. Diamond Springs, CA 95619

(530) 642-0622

www.edcipa.org admin@edcipa.org

Dear Colleagues,

As part of our efforts to streamline business processes, increase transparency, and improve efficiency for our Ambulance System, we are pleased to officially announce the introduction of Fleetio-a cloud based fleet management software that enables us to streamline our fleet operations and effectively manage our ambulance fleet. Fleetio will allow us to easily:

- Keep track of your tasks and communicate efficiently
- Submit issues on vehicles easily through the mobile app, eliminating the need to call anyone.
- Eliminate the tedious paper-based/manual workflows that were part of your day-to-day tasks
- Quickly and effectively submit inspections in a much easier and timely manner
- Stay on top of vehicle maintenance, submit service entries electronically and ensure vehicle/operator safety.

With Fleetio now a part of our organization, you will have access to Fleetio Go-a mobile app-so that you can easily submit inspections, report issues, and much more all from your smartphone or iPad!

Please email the JPA Executive Director at admin@edcipa.org with any specific questions or concerns you may have.

Your support is vital to the success of the Fleetio launch. We thank you in advance for embracing this exciting new platform!

Sincerely,

A handwritten signature in black ink, appearing to read 'Bill Sugiyama', with a long horizontal line extending to the right.

Bill Sugiyama, Executive Director

El Dorado County Emergency Services Authority

bsugiyama@edcipa.org

(530) 409-6977



480 Locust Rd. Diamond Springs, CA 95619

(530) 642-0622

www.edcipa.org admin@edcipa.org

To get started using the program please follow these steps:

1. Download Fleetio Go

a. Android: Google Play Store



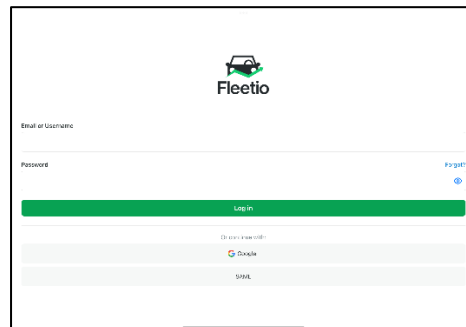
b. iPhone or iPad: iTunes Store



2. Log-in to Fleetio Go

a. Username: medic## (medic86, medic49, etc)

b. Password: Ambulance



3. Navigating Fleetio Go

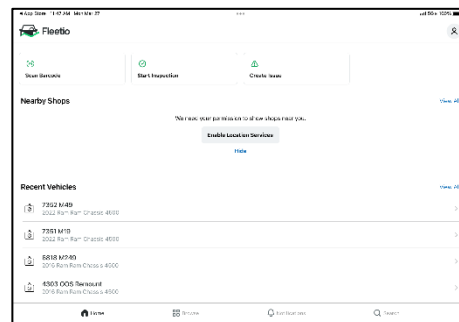
a. Home Screen

b. Browse Menu

c. Search

d. Notifications Screen

e. User Settings





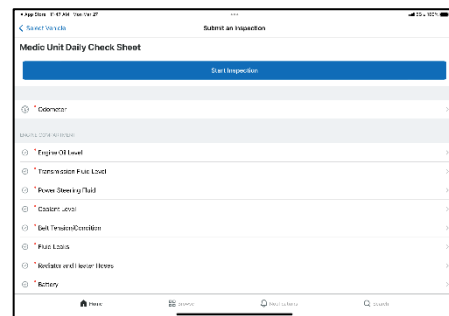
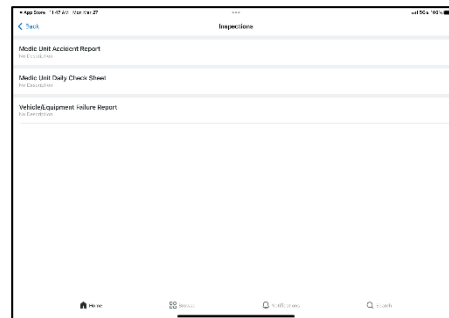
480 Locust Rd. Diamond Springs, CA 95619

(530) 642-0622

www.edcipa.org admin@edcipa.org

4. Complete an Inspection

- Quick Actions Menu/Scan Barcode option
- Reviewing an Open Issue
- Confirming an Issue resolution
- Enter meters



5. Create an Issue

Suggested Training Videos

- [Getting Started with Fleetio Go](#)
- [Submitting Inspections in Fleetio Go](#)
- [Managing Issues in Fleetio Go](#)
Operators (iOS)

When an individual works in excess of the consecutive hours allowed by the Contractor's authorized System Status Management Plan, an exception to the System Status Management Plan may be requested by submitting the request in writing to the Contract Administrator. Similarly, when an individual is not allowed at least twelve (12) consecutive hours off immediately following any four (4) 24-hour periods worked, an exception may be requested by submitting the request in writing to the Contract Administrator.

A. The maximum Unit Hour Utilization Ratio (UHUR) for 24-hour ambulance transport unit crews shall not exceed 0.40 continuously without County approval. County shall review the System Status Management Plan any time the ratio of transports to unit-hour production exceed 0.40 UHU, and may recommend remedial corrections to the Plan. Contractor may notify County at any time Contractor deems UHU levels necessitate a review of the System Status Management Plan.

- Unit Hour means a fully staffed and equipped ambulance available for or involved in emergency medical response for one hour.
- Unit Hour Utilization Ratio (UHUR) means a measure of system productivity that is calculated by dividing the number of transports by the number of Unit Hours produced during any specific period of time. For example, if a system operates one unit for 24 hours (24 Unit Hours) and transports 12 patients in that period, its unit hour utilization ratio would be 0.50 (12 (transports) ÷ 24 (Unit Hours) = 0.50 UHUR).
- Emergency Medical Service and Medical Transportation Ordinance means an ordinance adopted by the El Dorado County Board of Supervisors that sets the standards and/or definitions for emergency medical services and medical transport; personnel and training requirements; equipment and supply requirements; response times; communication requirements; and medical transportation service requirements. It empowers the El Dorado County Emergency Medical Services Agency through the County Health and Human Services Agency, Public Health Program to issue permits to litter van and wheelchair van transport services, and ALS non-transport services, and enter into contracts with ambulance entities; monitor performance; enforce standards, if necessary; and act in an impartial manner as an arbitrator in matters of citizen complaints.

Unit hour utilization. – Fitch and Associates – The New EMS Imperative: Demonstrating Value

EMS systems have also looked to measure productivity as a proxy for system efficiency. One commonly used measure is unit hour utilization (UHU), a ratio that is typically calculated by dividing the number of transports by the number of unit hours.¹⁰ In other words, an ambulance that performs four transports in a 12-hour shift has a UHU of 4/12, or 33%. However, some agencies will calculate UHU by using the total number of hours that EMS units are engaged on calls by the total number of hours that those units are staffed and fully-equipped. Neither method is right or wrong, and each has advantages—an agency worried about recouping costs might want to focus on transports, while an agency more concerned with staff performance and preparedness levels would be more concerned with the percentage of time ambulances are available.

Unit hour utilization varies greatly among EMS systems, and there is no generally accepted consensus regarding the ideal ratio. EMS agencies responding solely to 911 calls typically target a lower unit hour utilization (between 0.30 and 0.50 UHU) than nonemergency ambulance transport providers—in order to ensure that a sufficient number of units remain available to respond to emergency calls. Agencies whose providers work longer shifts, such as 24 hours, also often aim for lower UHUs due to concerns over fatigue and safety.

It is important to note that unit hour utilization traditionally does not capture productivity outside of responding to emergency calls, such as the completion of required documentation and training. Moreover, if unit hour utilization is measured simply on the basis of the number of patient transports during a specified period, the resultant UHU will also fail to capture the time spent responding to emergency calls that do not result in patient transports. Finally, increased unit hour utilization can result in provider fatigue and medical errors, especially in EMS systems that have 24-hour shifts.

Definition of UHU

Ambulance Unit Hour Utilization (UHU) is a metric used in emergency medical services (EMS) to measure the efficiency of ambulance deployment. It is calculated by dividing the total number of hours or minutes an ambulance is actively engaged in responding to calls or transporting patients (billable time) by the total number of hours or minutes the ambulance is available (on duty).

The formula is:

$UHU = \text{Hours the ambulance is engaged in calls} / \text{Total available hours or minutes}$

For example, if an ambulance is on duty for 24 hours and spends 6 hours responding to calls, the UHU would be:

$$UHU = 6/24 = 0.25$$

A higher UHU indicates that the ambulance is frequently utilized, while a lower UHU might suggest underutilization. However, extremely high UHU values could also mean the ambulance is too busy, potentially leading to delays in response times or staff burnout.

UHU by Minutes for month (44,640 Minutes/month (31 Days))

July 2024	13,877 mins. .311	13,064 mins. .293	15,097 mins. .337	17,067 mins. .382	15,333 mins. .343	10,731 mins. .240	14,365 mins. .322	14,196 mins. .318
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UHU by Incidents for month (744 Hours/month (31 Days))

July 2024	217 .291	196 .263	316 .425	279 .375	279 .375	151 .203	223 .300	209 .281
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